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SEQUENCE LISTING

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<120> PROTEOME EPITOPE TAGS AND METHODS OF USE THEREOF IN PROTEIN
MODIFICATION ANALYSIS

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Ala Ser Lys Val Asn Gly Trp Ile Phe Gly Thr Phe Leu Cys Lys Val
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Trp Gly Leu Ser Met Asn Leu Ser Leu Pro Phe Phe Leu Phe Arg Gln
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Ala Tyr His Pro Asn Asn Ser Ser Pro Val Cys Tyr Glu Val Leu Gly
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Asn Asp Thr Ala Lys Trp Arg Met Val Leu Arg Ile Leu Pro His Thr
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Thr Leu Arg Thr Leu Phe Lys Ala His Met Gly Gln Lys His Arg Ala
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Met Arg Val Ile Phe Ala Val Val Leu Ile Phe Leu Leu Cys Trp Leu
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Pro Tyr Asn Leu Val Leu Ala Asp Thr Leu Met Arg Thr Gln Val
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Ala Thr Glu Ile Leu Gly Phe Leu His Ser Cys Leu Asn Pro Ile Ile
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Tyr Ala Phe Ile Gly Gln Asn Phe Arg His Gly Phe Leu Lys Ile Leu
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Tyr Ile Val Ser Leu Ser Val Ala Asp Leu Ile Val Gly Ala Val Val
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Met Pro Met Asn Ile Leu Tyr Leu Leu Met Ser Lys Trp Ser Leu Gly
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Arg Pro Leu Cys Leu Phe Trp Leu Ser Met Asp Tyr Val Ala Ser Thr
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Ala Ser Ile Phe Ser Val Phe Ile Leu Cys Ile Asp Arg Tyr Arg Ser
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Val Gln Gln Pro Leu Arg Tyr Leu Lys Tyr Arg Thr Lys Thr Arg Ala
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Ser Ala Thr Ile Leu Gly Ala Trp Phe Leu Ser Phe Leu Trp Val Ile
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Pro Ile Leu Gly Trp Asn His Phe Met Gln Gln Thr Ser Val Arg Arg
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Glu Asp Lys Cys Glu Thr Asp Phe Tyr Asp Val Thr Trp Phe Lys Val
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Met Thr Ala Ile Ile Asn Phe Tyr Leu Pro Thr Leu Leu Met Leu Trp
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Phe Tyr Ala Lys Ile Tyr Lys Ala Val Arg Gln His Cys Gln His Arg
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Glu Leu Ile Asn Arg Ser Leu Pro Ser Phe Ser Glu Ile Lys Leu Arg
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Pro Glu Asn Pro Lys Gly Asp Ala Lys Lys Pro Gly Lys Glu Ser Pro
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Tyr Val Ala Val Asn Arg Ser His Gly Gln Leu Lys Thr Asp Glu Gln
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<220>
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<220>
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<400> 634
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<220>
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1 5 10

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<211> 8
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<220>
<223> Peptide used to illustrate phosphorylation site

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1 5

<210> 638
<211> 11
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<220>
<223> Peptide used to illustrate phosphorylation site

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<220>
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<220>
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<220>
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<220>
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<220>
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<210> 664
<211> 8
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<210> 665
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<210> 670
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<210> 671
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<210> 672
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<210> 673
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<400> 677
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<210> 678
<211> 8
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<400> 678
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<210> 679
<211> 8
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<400> 679
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<400> 680
Leu Ile Asp Phe Tyr Leu Cys Phe
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<400> 681
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1 5

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<400> 682
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<210> 683
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<400> 683
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<400> 684
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<400> 685
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<400> 694
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<400> 701
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1 5

<210> 748
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<210> 1215
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<210> 1219
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<400> 1232
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1 5

<210> 1233
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<400> 1234
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1 5

<210> 1235
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Leu Val Asp Ser Asp Leu Asn Glu
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Val Asp Ser Asp Leu Asn Glu Phe
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Ser Asp Leu Asn Glu Phe Val Ser
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<400> 1241
Asn Glu Phe Val Ser Asp Ala Asp
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Glu Phe Val Ser Asp Ala Asp Ser
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Tyr Ile Phe Trp Arg Lys Thr Asn
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Phe Trp Arg Lys Thr Asn Pro Ile
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Trp Arg Lys Thr Asn Pro Ile Gln
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Arg Lys Thr Asn Pro Ile Gln Leu
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Lys Thr Asn Pro Ile Gln Leu Ser
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<210> 1254
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Ala Ser Thr Phe Phe Lys Arg Val
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<210> 1255
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Ser Thr Phe Phe Lys Arg Val Cys
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<210> 1256
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<400> 1256
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<210> 1257
<211> 8
<212> PRT
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<400> 1257
Phe Phe Lys Arg Val Cys Gly Val
1 5

<210> 1258
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1 5

<210> 1259
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<400> 1259
Lys Arg Val Cys Gly Val Ser Ala
1 5

<210> 1260
<211> 8
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<400> 1260
Glu Leu Phe Tyr Ser Tyr Ala Ile
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<210> 1261
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<400> 1261
Leu Phe Tyr Ser Tyr Ala Ile His
1 5

<210> 1262
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<400> 1262
Phe Tyr Ser Tyr Ala Ile His His
1 5

<210> 1263
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<400> 1263
Tyr Ser Tyr Ala Ile His His Asp
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<210> 1264
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<400> 1264
Ser Tyr Ala Ile His His Asp Lys
1 5

<210> 1265
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<400> 1265
Tyr Ala Ile His His Asp Lys Phe
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<210> 1266
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<400> 1266
Ala Ile His His Asp Lys Phe Thr
1 5

<210> 1267
<211> 8
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<400> 1267
Ile His His Asp Lys Phe Thr Asp
1 5

<210> 1268
<211> 14
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<220>
<223> Illustrative peptide having high affinity for its antigen

<400> 1268
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1 , 5 10

<210> 1269
<211> 17
<212> PRT
<213> Tobacco mosaic virus

<400> 1269
Cys Arg Gly Thr Gly Ser Tyr Asn Arg Ser Ser Phe Glu Ser Ser Ser
1 5 10 15

Gly

<210> 1270
<211> 15
<212> PRT
<213> Unknown Organism

<220>
<223> Illustrative peptide having high affinity for its antigen

<400> 1270
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<210> 1271
<211> 10
<212> PRT
<213> Homo sapiens

<400> 1271
Arg Tyr Asp Ile Glu Ala Lys Val Thr Lys
1 5 10

<210> 1272
<211> 8
<212> PRT
<213> Unknown Organism

<220>
<223> Illustrative peptide having high affinity for its antigen

<400> 1272
Asp Arg Val Tyr Ile His Pro Phe
1 5

<210> 1273
<211> 12
<212> PRT
<213> Homo sapiens

<400> 1273
Pro Gln Ser Asp Pro Ser Val Glu Pro Pro Leu Ser
1 5 10

<210> 1274
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
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<400> 1274
Tyr Asp Val Pro Asp Tyr Ala Ser
1 5

<210> 1275
<211> 8
<212> PRT
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<220>
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<400> 1275
Met Asp Tyr Lys Ala Phe Asp Asn
1 5

<210> 1276
<211> 5
<212> PRT
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<220>
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<400> 1276
His His His His His
1 5

<210> 1277
<211> 8
<212> PRT
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<400> 1277
Glu Pro Ala Glu Leu Thr Asp Ala
1 5

<210> 1278
<211> 8
<212> PRT
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<400> 1278
Tyr Glu Val Gln Gly Glu Val Phe
1 5

<210> 1279
<211> 8
<212> PRT
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<400> 1279
Gly Tyr Ser Ile Phe Ser Tyr Ala
1 5

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<210> 1280
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<400> 1280
Leu Ser Glu Pro Ala Glu Leu Thr Asp Ala Val Lys
1           5           10

<210> 1281
<211> 16
<212> PRT
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<400> 1281
Asp Glu Pro Val Glu Leu Thr Ser Ala Pro Thr Gly His Thr Phe Ser
1           5           10           15

<210> 1282
<211> 17
<212> PRT
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<400> 1282
Ala Gly Glu Ala Ala Glu Leu Gln Asp Ala Glu Val Glu Ser Ser Ala
1           5           10           15

Lys

<210> 1283
<211> 15
<212> PRT
<213> Homo sapiens

<400> 1283
Leu Gln Glu Pro Ala Glu Leu Val Glu Ser Asp Gly Val Pro Lys
1           5           10           15

<210> 1284
<211> 12
<212> PRT
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<400> 1284
Ala Gln Pro Ala Glu Leu Val Asp Ser Ser Gly Trp
1           5           10

<210> 1285
<211> 14
<212> PRT
<213> Homo sapiens

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Gly Leu Asp Pro Thr Gln Leu Thr Asp Ala Leu Thr Gln Arg
1 5 10

<210> 1286
<211> 10
<212> PRT
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<400> 1286
Tyr Glu Val Gln Gly Glu Val Phe Thr Lys
1 5 10

<210> 1287
<211> 11
<212> PRT
<213> Homo sapiens

<400> 1287
His Val Glu Val Asn Gly Glu Val Phe Gln Lys
1 5 10

<210> 1288
<211> 11
<212> PRT
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<400> 1288
Ser Tyr Glu Val Leu Gly Glu Glu Phe Asp Arg
1 5 10

<210> 1289
<211> 13
<212> PRT
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<400> 1289
Gln Tyr Ala Val Ser Gly Glu Ile Phe Val Val Asp Arg
1 5 10

<210> 1290
<211> 11
<212> PRT
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<400> 1290
Val Tyr Glu Glu Gln Gly Glu Ile Ile Leu Lys
1 5 10

<210> 1291
<211> 11
<212> PRT
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<400> 1291
Leu Tyr Glu Val Arg Gly Glu Thr Tyr Leu Lys
1 5 10

<210> 1292
<211> 8
<212> PRT
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<400> 1292
Glu Pro Val Glu Leu Thr Ser Ala
1 5

<210> 1293
<211> 8
<212> PRT
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<400> 1293
Asp Pro Thr Gln Leu Thr Asp Ala
1 5

<210> 1294
<211> 8
<212> PRT
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<400> 1294
Val Glu Val Asn Gly Glu Val Phe
1 5

<210> 1295
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1295
Tyr Glu Val Leu Gly Glu Glu Phe
1 5

<210> 1296
<211> 24
<212> PRT
<213> Homo sapiens

<400> 1296
His Ser Gln Pro Trp Gln Val Ala Val Tyr Ser His Gly Trp Ala His
1 5 10 15

Cys Gly Gly Val Leu Val His Arg
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<210> 1297

<211> 33

<212> PRT

<213> Homo sapiens

<400> 1297

Ile	Val	Gly	Gly	Trp	Glu	Cys	Glu	Gln	His	Ser	Gln	Pro	Trp	Gln	Ala
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Ala	Leu	Tyr	His	Phe	Ser	Thr	Phe	Gln	Cys	Gly	Gly	Ile	Leu	Val	His
			20				25					30			

Lys

<210> 1298

<211> 24

<212> PRT

<213> Homo sapiens

<400> 1298

Gly	Ser	Gln	Pro	Trp	Gln	Val	Ser	Leu	Phe	Asn	Gly	Leu	Ser	Phe	His
1				5				10				15			

Cys	Ala	Gly	Val	Leu	Val	Asp	Arg
			20				

<210> 1299

<211> 16

<212> PRT

<213> Homo sapiens

<400> 1299

Asn	Ser	Gln	Pro	Trp	Gln	Val	Gly	Leu	Phe	Glu	Gly	Thr	Ser	Leu	Arg
1				5				10				15			

<210> 1300

<211> 29

<212> PRT

<213> Homo sapiens

<400> 1300

His	Glu	Cys	Gln	Pro	His	Ser	Gln	Pro	Trp	Gln	Ala	Ala	Leu	Phe	Gln
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Gly	Gln	Gln	Leu	Leu	Cys	Gly	Gly	Val	Leu	Val	Gly	Arg
				20				25				

<210> 1301

<211> 29

<212> PRT

<213> Homo sapiens

<400> 1301

Glu Asp Cys Ser Pro His Ser Gln Pro Trp Gln Ala Ala Leu Val Met
1 5 10 15Glu Asn Glu Leu Phe Cys Ser Gly Val Leu Val His Arg
20 25

<210> 1302

<211> 33

<212> PRT

<213> Homo sapiens

<400> 1302

Val Leu Asn Thr Asn Gly Thr Ser Gly Phe Leu Pro Gly Gly Tyr Thr
1 5 10 15Cys Phe Pro His Ser Gln Pro Trp Gln Ala Ala Leu Leu Val Gln Gly
20 25 30

Arg

<210> 1303

<211> 21

<212> PRT

<213> Homo sapiens

<400> 1303

Leu Leu Glu Gly Asp Glu Cys Ala Pro His Ser Gln Pro Trp Gln Val
1 5 10 15Ala Leu Tyr Glu Arg
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<210> 1304

<211> 15

<212> PRT

<213> Homo sapiens

<400> 1304

Pro Asn Ser Gln Pro Trp Gln Ala Gly Leu Phe His Leu Thr Arg
1 5 10 15

<210> 1305

<211> 22

<212> PRT

<213> Homo sapiens

<400> 1305

Cys Val Thr Ala Gly Thr Ser Cys Leu Ile Ser Gly Trp Gly Ser Thr
1 5 10 15Ser Ser Pro Gln Leu Arg
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<210> 1306

<211> 32

<212> PRT

<213> Homo sapiens

<400> 1306

Val Met Asp Leu Pro Thr Gln Glu Pro Ala Leu Gly Thr Thr Cys Tyr
1 5 10 15Ala Ser Gly Trp Gly Ser Ile Glu Pro Glu Glu Phe Leu Thr Pro Lys
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<210> 1307

<211> 44

<212> PRT

<213> Homo sapiens

<400> 1307

Arg Leu Asn Pro Gln Val Arg Pro Ala Val Leu Pro Thr Arg Cys Pro
1 5 10 15His Pro Gly Glu Ala Cys Val Val Ser Gly Trp Gly Leu Val Ser His
20 25 30Glu Pro Gly Thr Ala Gly Ser Pro Arg Ser Gln Gly
35 40

<210> 1308

<211> 5

<212> PRT

<213> Homo sapiens

<400> 1308

Arg Leu Asn Pro Gln
1 5

<210> 1309

<211> 40

<212> PRT

<213> Homo sapiens

<400> 1309

Arg Leu Asn Pro Gln Gly Asp Ser Gly Gly Pro Leu Val Cys Gly Gly
1 5 10 15Ile Leu Gln Gly Ile Val Ser Trp Gly Asp Val Pro Cys Asp Asn Thr
20 25 30Thr Lys Pro Gly Val Tyr Thr Lys
35 40

<210> 1310

<211> 8

<212> PRT

<213> Homo sapiens

<400> 1310

Ser Gly Trp Gly Leu Val Ser His
1 5

<210> 1311

<211> 8

<212> PRT

<213> Homo sapiens

<400> 1311

Ala Gly Trp Gly Ile Val Asn His
1 5

<210> 1312

<211> 8

<212> PRT

<213> Homo sapiens

<400> 1312

Ser Gly Trp Gly Ile Thr Asn His
1 5

<210> 1313

<211> 8

<212> PRT

<213> Homo sapiens

<400> 1313

Ser Gly Trp Gly Met Val Thr Glu
1 5

<210> 1314
<211> 8
<212> PRT
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<400> 1314
Trp Gly Asp Val Pro Cys Asp Asn
1 5

<210> 1315
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1315
Trp Lys Asp Val Pro Cys Glu Asp
1 5

<210> 1316
<211> 8
<212> PRT
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<400> 1316
Trp Asn Asp Ala Pro Cys Asp Ser
1 5

<210> 1317
<211> 8
<212> PRT
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<400> 1317
Trp Asn Asp Ala Pro Cys Asp Lys
1 5

<210> 1318
<211> 19
<212> PRT
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<220>
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Glu Asp Leu

<210> 1319
<211> 28
<212> PRT
<213> Homo sapiens

<220>
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<220>
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<222> (25)
<223> phosphoSer

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1 5 10 15

Gln Leu Leu Pro Pro Glu Pro Pro Ser Pro Ala Arg
20 25

<210> 1320
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1320
Tyr Leu Thr Glu Gly Val Pro His
1 5

<210> 1321
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1321
Tyr Ile Leu Glu Ser Met Pro His
1 5

<210> 1322
<211> 8
<212> PRT
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<400> 1322
Tyr Val Ile Met Gly Met Pro His
1 5

<210> 1323
<211> 15
<212> PRT
<213> Homo sapiens

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<220>
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<400> 1323
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    1           5           10          15

<210> 1324
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1324
Glu Val Tyr Val Gly Val Trp Lys
    1           5

<210> 1325
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1325
Glu Val Phe Glu Gly Leu Trp Lys
    1           5

<210> 1326
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1326
Glu Val Tyr Glu Gly Val Tyr Thr
    1           5

<210> 1327
<211> 23
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism: Illustrative
      parental tryptic peptide

<400> 1327
Trp Ser Gly Ser His Gln Phe Glu Gln Leu Ser Gly Ser Ile Leu Trp
    1           5           10          15

Met Ala Pro Glu Val Ile Arg
    20

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<210> 1328
<211> 16
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism: Illustrative
parental tryptic peptide

<400> 1328
Met Ser Phe Ala Gly Thr Val Ala Trp Met Ala Pro Glu Val Ile Arg
1 5 10 15

<210> 1329
<211> 18
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism: Illustrative
parental tryptic peptide

<400> 1329
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1 5 10 15

Glu Arg

<210> 1330
<211> 12
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism: Illustrative
parental tryptic peptide

<400> 1330
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<210> 1331
<211> 20
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism: Illustrative
parental tryptic peptide

<400> 1331
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1 5 10 15

Val Ala Leu Lys
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<210> 1332
<211> 21
<212> PRT
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<220>
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1 5 10 15

Cys Glu Thr Met Lys
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<210> 1333
<211> 16
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<223> Description of Unknown Organism: Illustrative
parental tryptic peptide

<400> 1333
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1 5 10 15

<210> 1334
<211> 21
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<220>
<223> Description of Unknown Organism: Illustrative
parental tryptic peptide

<400> 1334
Ser Met His Gly Thr Pro Tyr Trp Met Ala Pro Glu Val Ile Asn Glu
1 5 10 15

Ser Gly Tyr Gly Arg
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<210> 1335
<211> 24
<212> PRT
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<223> Description of Unknown Organism: Illustrative
parental tryptic peptide

<400> 1335
Asn Thr Val Ile Gly Thr Pro Phe Trp Met Ala Pro Glu Val Ile Gln
1 5 10 15

Glu Ile Gly Tyr Asn Cys Val Arg
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<210> 1336
<211> 23
<212> PRT
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<220>
<223> Description of Unknown Organism: Illustrative
parental tryptic peptide

<400> 1336
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1 5 10 15

Gln Ser Ala Tyr Asp Ser Lys
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<210> 1337
<211> 28
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism: Illustrative
parental tryptic peptide

<400> 1337
Asn Thr Ser Val Gly Thr Pro Phe Trp Met Ala Pro Glu Val Ile Ala
1 5 10 15

Cys Glu Gln Gln Leu Asp Thr Thr Tyr Asp Ala Arg
20 25

<210> 1338
<211> 28
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism: Illustrative
parental tryptic peptide

<400> 1338
Asn Thr Ser Val Gly Thr Pro Phe Trp Met Ala Pro Glu Val Ile Ala
1 5 10 15

Cys Glu Gln Gln Tyr Asp Ser Ser Tyr Asp Ala Arg
20 25

<210> 1339
<211> 28
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism: Illustrative
parental tryptic peptide

<400> 1339
Asn Thr Phe Ile Gly Thr Pro Tyr Trp Met Ala Pro Glu Val Ile Ala
1 5 10 15

Cys Asp Glu Asn Pro Asp Ala Thr Tyr Asp Tyr Arg
20 25

<210> 1340
<211> 18
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism: Illustrative
parental tryptic peptide

<400> 1340
Thr Phe Val Gly Thr Pro Cys Trp Met Ala Pro Glu Val Met Glu Gln
1 5 10 15

Val Arg

<210> 1341
<211> 17
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism: Illustrative
parental tryptic peptide

<400> 1341
Ser Thr Met Val Gly Thr Pro Tyr Trp Met Ala Pro Glu Val Val Thr
1 5 10 15

Arg

<210> 1342
<211> 16
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism: Illustrative
parental tryptic peptide

<400> 1342
Ser Leu Val Gly Thr Pro Tyr Trp Met Ala Pro Glu Val Ile Ser Arg
1 5 10 15

<210> 1343
<211> 23
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism: Illustrative
parental tryptic peptide

<400> 1343
Trp Ser Gly Ser Gln Gln Val Glu Gln Pro Thr Gly Ser Val Leu Trp
1 5 10 15

Met Ala Pro Glu Val Ile Arg
20

<210> 1344
<211> 18
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism: Illustrative
parental tryptic peptide

<400> 1344
Thr Phe Val Gly Thr Pro Cys Trp Met Ala Pro Glu Val Met Glu Gln
1 5 10 15

Val Arg

<210> 1345
<211> 33
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism: Illustrative
parental tryptic peptide

<400> 1345
 Ala Ser Met Ala Ser Pro Ala Asn Ser Phe Val Gly Thr Pro Tyr Trp
 1 5 10 15

Met Ala Pro Glu Val Ile Leu Ala Met Asp Glu Gly Gln Tyr Asp Gly
 20 25 30

Lys

<210> 1346
 <211> 33
 <212> PRT
 <213> Unknown Organism

<220>
 <223> Description of Unknown Organism: Illustrative
 parental tryptic peptide

<400> 1346
 Ala Ser Ile Met Ala Pro Ala Asn Ser Phe Val Gly Thr Pro Tyr Trp
 1 5 10 15

Met Ala Pro Glu Val Ile Leu Ala Met Asp Glu Gly Gln Tyr Asp Gly
 20 25 30

Lys

<210> 1347
 <211> 18
 <212> PRT
 <213> Unknown Organism

<220>
 <223> Description of Unknown Organism: Illustrative
 parental tryptic peptide

<400> 1347
 Glu Pro Leu Ala Val Val Gly Ser Pro Tyr Trp Met Ala Pro Glu Val
 1 5 10 15

Leu Arg

<210> 1348
 <211> 22
 <212> PRT
 <213> Unknown Organism

<220>
 <223> Description of Unknown Organism: Illustrative
 parental tryptic peptide

<400> 1348
Thr Thr His Met Ser Leu Val Gly Thr Phe Pro Trp Met Ala Pro Glu
1 5 10 15

Val Ile Gln Ser Leu Arg
20

<210> 1349
<211> 63
<212> PRT
<213> Human severe acute respiratory system virus

<400> 1349
Met Phe His Leu Val Asp Phe Gln Val Thr Ile Ala Glu Ile Leu Ile
1 5 10 15

Ile Ile Met Arg Thr Phe Arg Ile Ala Ile Trp Asn Leu Asp Val Ile
20 25 30

Ile Ser Ser Ile Val Arg Gln Leu Phe Lys Pro Leu Thr Lys Lys Asn
35 40 45

Tyr Ser Glu Leu Asp Asp Glu Glu Pro Met Glu Leu Asp Tyr Pro
50 55 60

<210> 1350
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1350
Met Phe Asp Leu Val Asp Tyr Lys
1 5

<210> 1351
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1351
Met Phe His Pro Met Asp Phe Glu
1 5

<210> 1352
<211> 8
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism: Coronavirus
peptide

<400> 1352
Ser Phe His Phe Ile Asp Phe Tyr
1 5

<210> 1353
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1353
Tyr Ser Glu Leu Asp Gly Glu Glu
1 5

<210> 1354
<211> 8
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism: Coronavirus
peptide

<400> 1354
Tyr Ser Ser Leu Asn Asp Glu Phe
1 5

<210> 1355
<211> 36
<212> PRT
<213> Homo sapiens

<400> 1355
Lys Val Leu Ala Leu Tyr Asn Gln His Asn Pro Gly Ala Ser Ala Ala
1 5 10 15

Pro Cys Cys Val Pro Gln Ala Leu Glu Pro Leu Pro Ile Val Tyr Tyr
20 25 30

Val Gly Arg Lys
35

<210> 1356
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1356
Asn His His Ser Pro Gly Gly Ser
1 5

<210> 1357
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1357
Gln Gln His Asn Pro Ala Ala Asn
1 5

<210> 1358
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1358
Asn Lys His Gly Pro Gly Val Ser
1 5

<210> 1359
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1359
Glu Pro Leu Thr Ile Leu Tyr Tyr
1 5

<210> 1360
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1360
Asp Pro Leu Pro Val Arg Tyr Tyr
1 5

<210> 1361
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1361
Glu Pro Leu Pro Ser Gln Tyr Tyr
1 5

<210> 1362
<211> 36
<212> PRT
<213> Homo sapiens

<400> 1362
Arg Val Leu Ser Leu Tyr Asn Thr Ile Asn Pro Glu Ala Ser Ala Ser
1 5 10 15

Pro Cys Cys Val Ser Gln Asp Leu Glu Pro Leu Thr Ile Leu Tyr Tyr
20 25 30

Ile Gly Lys Thr
35

<210> 1363
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1363
Asn Thr Leu Asn Pro Glu Ala Ser
1 5

<210> 1364
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1364
Asn Lys Leu Asp Pro Glu Ala Ser
1 5

<210> 1365
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1365
Asn Thr Ala Asn Pro Glu Arg Ser
1 5

<210> 1366
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1366
Pro Gln Asp Leu Glu Pro Leu Thr
1 5

<210> 1367
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1367
Ser Glu Asp Leu Glu Pro Leu Ala
1 5

<210> 1368
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1368
Ser Gln Asp Leu Asp Pro Met Ala
1 5

<210> 1369
<211> 44
<212> PRT
<213> Homo sapiens

<400> 1369
Arg Ser Ala Asp Thr Thr His Ser Thr Val Leu Gly Leu Tyr Asn Thr
1 5 10 15

Leu Asn Pro Glu Ala Ser Ala Ser Pro Cys Cys Val Pro Gln Asp Leu
20 25 30

Glu Pro Leu Thr Ile Leu Tyr Tyr Val Gly Arg Thr
35 40

<210> 1370
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1370
Ser Ala His Ser Thr His Ser Thr
1 5

<210> 1371
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1371
Ser Ser Asp Thr Thr His Ala Ser
1 5

<210> 1372
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1372
Ala Ala Glu Ala Thr His Ser Thr
1 5

<210> 1373
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1373
Asn Thr Ile Asn Pro Glu Ala Ser
1 5

<210> 1374
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1374
Asn Lys Leu Asp Pro Glu Ala Ser
1 5

<210> 1375
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1375
Asn Thr Ala Asn Pro Glu Arg Ser
1 5

<210> 1376
<211> 41
<212> PRT
<213> Homo sapiens

<400> 1376
Met Lys Trp Ala Lys Asn Trp Val Leu Glu Pro Pro Gly Phe Leu Ala
1 5 10 15

Tyr Glu Cys Val Gly Thr Cys Gln Gln Pro Pro Glu Ala Leu Ala Phe
20 25 30

Asn Trp Pro Phe Leu Gly Pro Arg Gln
35 40

<210> 1377
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1377
Asn Trp Ala Val Asp Pro Pro Gly
1 5

<210> 1378
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1378
His Trp Val Val Ser Pro Pro Gly
1 5

<210> 1379
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1379
Asn Trp Val Arg Leu Pro Pro Gly
1 5

<210> 1380
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1380
Gln Pro Pro Glu Ala Phe Gly Phe
1 5

<210> 1381
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1381
Lys Pro Pro Glu Ala Leu Ala Met
1 5

<210> 1382
<211> 8
<212> PRT
<213> Homo sapiens

<400> 1382
Gln Pro Pro Glu Ala Lys Lys Phe
1 5

<210> 1383
<211> 6
<212> PRT
<213> Homo sapiens

<400> 1383
Arg His Arg Arg Ala Leu
1 5

<210> 1384
<211> 6
<212> PRT
<213> Homo sapiens

<400> 1384
Arg Lys Lys Arg Ala Leu
1 5

<210> 1385

<211> 6

<212> PRT

<213> Homo sapiens

<400> 1385

Arg Lys Lys Arg Ala Leu
1 5

<210> 1386

<211> 4

<212> PRT

<213> Homo sapiens

<400> 1386

Arg His Arg Arg
1